

REPORT
OF
DESERET AGRICULTURAL
AND
MANUFACTURING SOCIETY.

FOR THE YEARS

1872-3.

DAVID O. CALDER, PUBLIC PRINTER, SALT LAKE CITY, UTAH.

REPORT OF
DESERET AGRICULTURAL
AND
MANUFACTURING SOCIETY,
FOR THE YEARS 1872 & 1873.

TO THE HONORABLE THE LEGISLATIVE ASSEMBLY
OF THE TERRITORY OF UTAH:

Gentlemen:—We herewith submit for the consideration of your Honorable Body, the accompanying exhibit of the present financial condition of the Deseret Agricultural and Manufacturing Society, together with an outline of the service performed by it in advancing the material interests of the Territory, since your last session.

FAIRS.

The Society has held in the city of Salt Lake, two annual fairs; and has disbursed considerable sums in cash, in diplomas, and in gold and silver medals, in encouragement of our Territorial industries. The fair of 1873 was a marked improvement on that of 1872; and the visible advance made by our community during the intervening period, was gratifying and encouraging. The want of suitable grounds and buildings has embarrassed the organization, and has crippled its labors.

ORGANIZATION OF COUNTY SOCIETIES RECOMMENDED.

It is recommended as of importance, that subordinate societies be established in all the counties, holding county fairs, and acting generally in concert with the Parent Society.

RECLAIMED ALKALINE LANDS.

Investigations relative to the best methods of reclaiming alkaline and mineral lands have been conducted with gratifying results. The presence of alkali or metallic oxides has kept so much soil in the Territory out of cultivation, that the establishment of a uniform and reliable method of treatment for such lands, is a desideratum. As the matter fell within the province of the Society, its efforts have been directed to that end.

MEDALS, ETC., AWARDED UTAH PRODUCTS.

Our farm products and fruits have, through the instrumentality of the Society been exhibited in the States. Other awards and the medal of the Pennsylvania Horticultural Society have been given to Utah fruit collected and forwarded under our supervision.

PISCICULTURE.

Pisciculture still engages our attention, and the report of the Superintendent of the Fish Farm, is submitted as accompanying document "B."

AGRICULTURE.

It is a source of gratitude to Almighty God, that the labors of the husbandman during the last year have been so abundantly blessed; and that an almost entire immunity has been enjoyed in all parts of the Territory from the destructive raids of the grasshoppers. Our agricultural prosperity underlies the welfare of the whole community.

MANUFACTURES.

The increase of manufacturing establishments is also a matter of gratulation. The erection and operation of the mammoth establishment at Provo, capable of manufacturing about four hundred thousand yards of cloth per year, is of itself a large stride in the direction of self-sustenance and commercial independence, of which the Territory may justly be proud.

TERRITORIAL AGRICULTURAL PARK.

The most important step taken by the Society during the past two years, has been the purchase of land for fair grounds and a drive, and the erection of buildings thereon.

At a small outlay, the Society has secured four blocks of ground on the north-west of the city, and adjoining the river Jordan on the south-west. It is proposed on these grounds to erect permanent exhibition buildings, stalls, etc., etc., and to make the fair ground, or Territorial Agricultural Park, a pleasant resort to our citizens, and especially our youth. The grading of a half-mile track has been completed, which is said to be the best in the country. There is space for a mile track on the same grounds, but the Society's operations have been limited, owing to the lack of means, in the prosecution of these desirable and laudable objects. It is respectfully suggested whether it might not be a profitable investment to the Territory, for the Society to purchase a large tract of country in that locality on which a suitable promenade and drive for the citizens could be constructed, with water fountains, graded walks, ornamented with trees, shrubbery, grass plats, etc.

If the representatives of the Territory, appreciative of the advantages which will eventually accrue to the Territory, will appropriate \$15,000, to enable the Society to cancel indebtedness, and aid us in the prosecution of the work projected, we have no doubt but that Salt Lake City and County will appropriate handsomely to supplement the efforts of the Legislative Assembly, in the work of a Territorial Agricultural Park, which will, in time, reflect credit on the Territory.

DIPLOMA DESIGN.

The Society, early in 1873, advertised for a design for a diploma by a native artist. The advertisement called forth many fine specimens. The one to which was awarded the prize, was gotten up by Mr. William C. Morris, of Salt Lake City, and was forwarded to New York and engraved. It is the first remembrancer ever offered by the Society. A copy is herewith presented.

EXPORTATION OF PRODUCE.

The exportation this year of cereals and esculents, has much exceeded that of any former season. Our fine wheat has commanded the markets both east and west, and the potatoes

grown in Utah have been shipped largely to the Missouri river, as well as other marts east and west.

COLLECTION OF STATISTICS.

The collection of Agricultural, Horticultural and Irrigation statistics commenced by the Legislative Assembly, and continued for a few years under the direction of the Society, which by enactment in 1868, was transferred to the county assessors and collectors, has proved inoperative, and it is respectfully suggested, whether it be not necessary and highly expedient to create a Bureau of Statistics, on which shall be devolved the responsibility of collecting statistics on Agriculture, Horticulture, Irrigation, Manufactures, Mines, Immigration and Finance.

Respectfully submitted by

W. WOODRUFF, PRESIDENT,

ROBT. L. CAMPBELL, SECRETARY.

FINANCIAL EXHIBIT.

DESERET AGRICULTURAL AND MANUFACTURING SOCIETY.

Cash on hand Jan. 1873,	- - -	\$1,026 58
Received donations		
From Salt Lake City,	- - -	500 00
" Davis County	- - -	200 00
" Salt Lake County,	- -	252 57
" Tooele County,	- -	100 00
" Individuals,	- - -	42 00
		\$1,094 57
Admission Fees and Memberships,	- - - -	1,490 67
Balance—Present indebtedness,	- - - -	4,998 35

		8,610 17

DISBURSEMENTS.

Paid for Territorial Agricultural Park, Buildings erected thereon and other improvements	\$4,673 45
Paid for Premiums, Diplomas and General Fair Expenses	3,936 72

	8,610 17

HONS. WILFORD WOODRUFF, GEORGE Q. CANNON and A. M. MUSSER,

Directors of Zion's Co-operative Fish Association.
GENTLEMEN—

I take pleasure in reporting to you, the progress in the Piscatorial Department during the year ending December 31st, 1873.

In my last report I gave you a financial exhibit; there has been no stock sold during the present year, an expense of a few hundred dollars has been incurred in repairs, attendance on "small fry," express charges and other incidentals, all of which have been paid by your Superintendent. The items and amounts are shown on the books of the Company, which are at your command for inspection.

In November, 1872, I received a communication from the executive committee of the American Fish Association, requesting me to represent Utah in a Convention to be held in New York in January, 1873. I consulted several of the members of the Company on the subject of attending the Convention, and the result of the deliberation was for me to honor the invitation. I accordingly attended.

Delegates were in attendance from several States and the Canadas. A report and recommendation were submitted by Professor Beard, the Commissioner of the United States on Fish and Fisheries, in which he informed us that a large quantity of fish eggs had been imported from Germany for an experiment in propagating and cultivating the fish of that country. A subsequent report shows that all the eggs were damaged and worthless; hence, the projected experiment failed.

Much practical and valuable instruction was imparted at the Convention, upon the subject of artificial propagation and the cultivation of fish, and the mode of procedure in re-stocking lakes and rivers, a subject that is now engaging the attention of the Legislative departments of several of the eastern States and California. The Congress of the United States in 1872 made an appropriation of (\$15,000) fifteen thousand dollars, to aid their commissioner in his duties; a further appropriation was asked for by the Association at the Convention; the result of which I am not informed, but the result of the American Fish Association's experiments, aided by the U. S. Commissioner and legislative enactment in several of the States are visi-

ble in many of the lakes and rivers of our country. Professor Beard has expressed himself satisfied, that an experiment in the waters of Salt Lake and its tributaries, would be a success; his faith is manifest by his works, insomuch as in June last he forwarded to my address a quantity of small fry shad and seed oysters. These were lost in transit, by railroad accident in crossing the Elk Horn river. Through the untiring perseverance of the commissioner; another exportation was fitted out, and about six thousand (6,000) small fry shad directed to my address, with instructions from the Rev. Livingston Stone, the United States Deputy Commissioner, in relation to the mode of procedure.

The shad were placed in Jordan river, and the instructions strictly followed; there has not, to my knowledge, any of them been seen as yet. Probably they will, like bread cast upon the waters, return after many days.

In October I received, per express from California, forty thousand Salmon eggs, which were immediately placed in the hatching boxes. In a few days all of the impregnated Spawn was hatched which was about ninety per cent.; they are now doing well. By request of the Fish Commissioners, I reported the "hatch" and received the following reply:

CHARLESTON, U. C. H.,

DEAR SIR:

Please accept thanks for your interesting and full communication in regard to the California salmon. It will probably be printed in the report of the U. S. Commissioner.

Very truly, etc.,

(SIGNED.) LIVINGSTON STONE.

In February, I received a complimentary package of salmon trout eggs, through the politeness of Mr. Seth Green, the American pioneer in fish culture. From them was hatched 651, most of which are doing well. The hatch from the native fish amounts to about 8,000, most of which are alive and in good condition. For further information, I respectfully suggest and request that you will visit the premises; there I will endeavor to satisfy your curiosity by feeding the small fry, yearlings and spawners in your presence.

From reliable information I am led to believe that in a few years our best fish will be measurably exhausted; therefore, I

respectfully suggest that you recommend further legislation for their protection:

FIRST—By extending the prohibitory time for seine and trap fishing.

SECOND—By determining the size of the mesh.

THIRD—By more and better fish ways and dams.

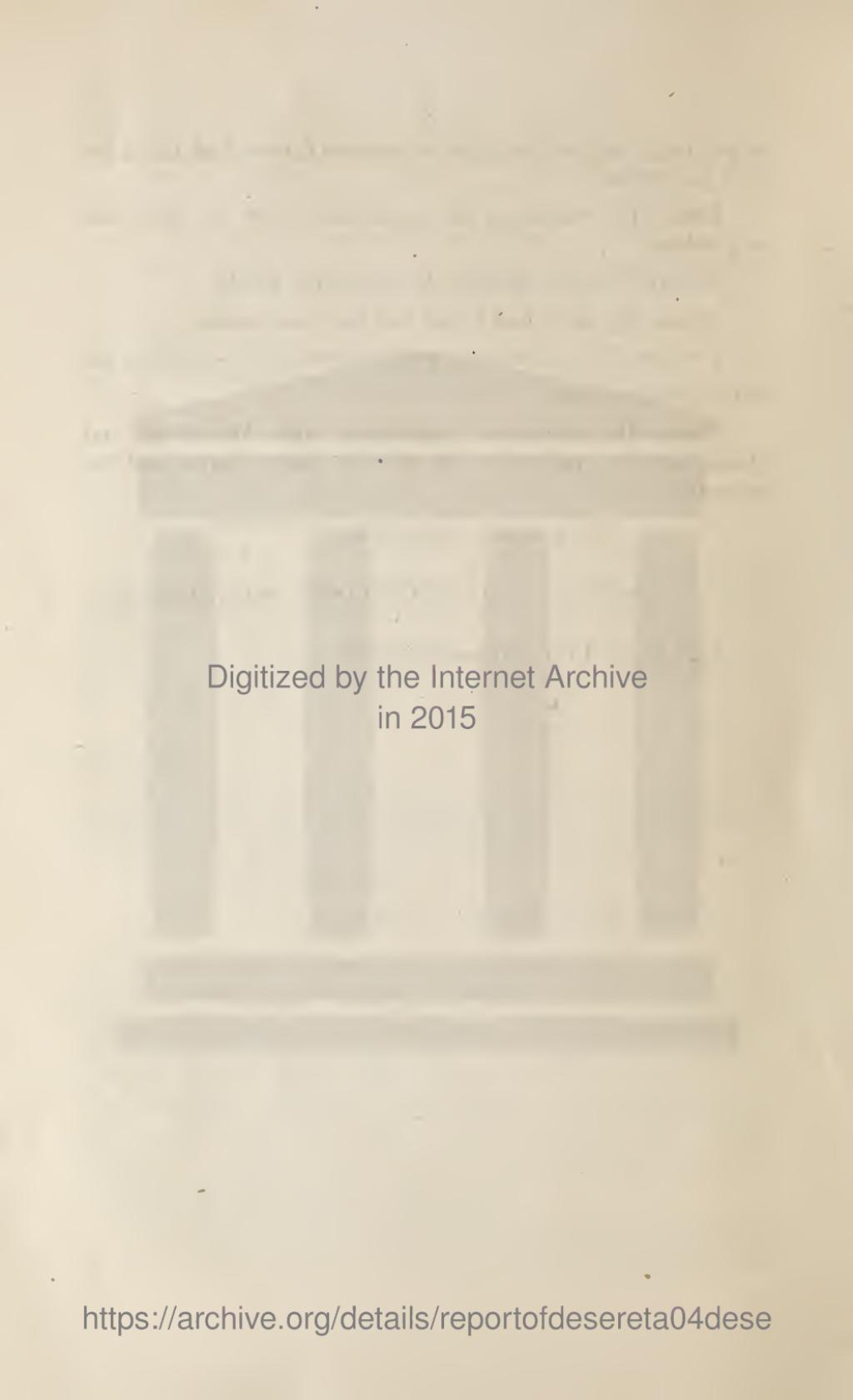
FOURTH—By preliminary preparations for re-stocking the public streams, and,

FIFTH—By concurrent legislation with Wyoming and Idaho, for the protection of fish in Bear Lake and its tributaries.

Respectfully submitted,

(SIGNED.) A. P. ROCKWOOD, Superintendent.

SALT LAKE CITY, January 1st, 1874.



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